

Title (en)
MULTI-ANALYTE REFERENCE SOLUTIONS WITH STABLE PO2

Title (de)
MULTI-ANALYTEN-REFERENZLÖSUNGEN MIT STABILEM PO2

Title (fr)
SOLUTIONS DE REFERENCE CONTENANT PLUSIEURS ANALYTES, A PRESSION STABLE D'OXYGENE PO2

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Application
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Abstract (en)
[origin: WO9940430A2] Multi-analyte reference solutions with stable partial pressure of oxygen (pO2) in zero headspace packaging, wherein said solutions have long shelf and use lives at room temperature, are disclosed, as are methods for preparing such solutions. Source materials for the components of those reference solutions are screened and selected for low or no oxygen reactivity. The reference solutions are packaged in containers lined with a material having low or no oxygen reactivity. Those containers are laminated, preferably including polypropylene as an inner layer, aluminum foil as a middle layer, and an outer layer that protects the aluminum layer from physical damage. An access device attached to the inside wall of the container and preferred tubing for conducting a reference solution from the container into a blood analyser are also disclosed. Further described are stable quality control reagents constituting as few formulations as practicable to test for from about 5 to about 20 analytes wherein each formulation is in a zero headspace container.

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